

C4R Next Gen

RIGID LED LINEAR COVE LIGHTING, MID-POWER
24V REMOTE POWER SYSTEM



APPLICATION

Next Generation C4R LED linear lighting produces uniform illumination designed to accent and highlight small spaces such as coves and soffits. Dense pack LEDs provides increased lumens per watt and uniform light pattern compared with the legacy C4R design. Designed with modular CLiP[®] (Configurable Lighting Platform), C4R provides options to suit multiple application requirements.

CONSTRUCTION

- Thermally optimized die cast aluminum housing
- 12" modules
- Sections quick connect together to form extended runs
- Easily replaceable LED arrays
- CSA damp location listed

OPTICS / LENS / DIFFUSER

- Low Profile, lightly frosted lens

POWER SYSTEM

- Utilizes remote, low voltage (24V) DC power supply
- Dimming options available

PERFORMANCE

- Dense Pack LEDs for high uniformity
- Operating temperature range of -20°C to 50°C
- Rated for a minimum of 86,000 hours (L85) at 25°C ambient operating temperature
- Power Supply Total Harmonic Distortion <20%, Power Factor >0.9

LIGHT CHARACTERISTICS

- Typical CRI of 80+ in 2700K, 3000K, 3500K, 4000K.
- 90+ CRI option available with 2700K, 3000K and 3500K
- LED's are selected and placed on the printed circuit boards via Tempo Industries' UniBin[™] process which ensures consistent hue and color within the entire run. Color variations are held to a minimum, within a 2-step MacAdam ellipse.

Buy Tempo
Buy American



WARRANTY

Tempo provides a 5-year limited warranty.

86,000 HOURS

L85 LUMEN MAINTENANCE
LED Luminaires will reach 85% of initial lumen output at or beyond 86,000 hours at 25°C.



PERFORMANCE SUMMARY All data nominal. 3000K test data shown.

Watts/ft	5.2
Lumens/ft	635
Lumens/Watt	122

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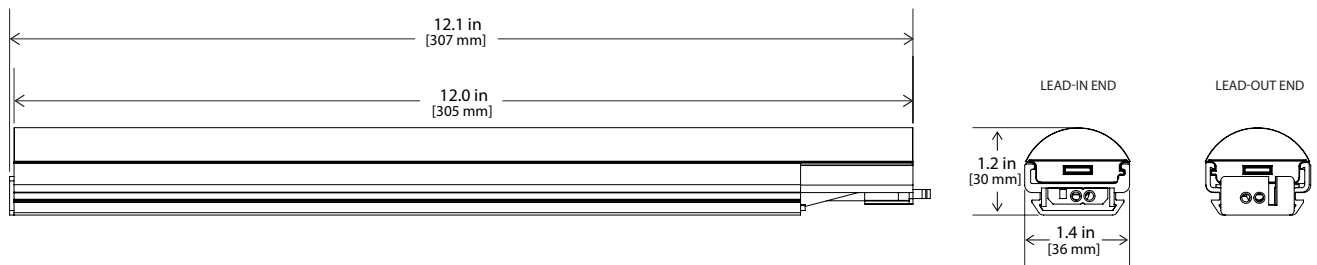
ORDERING INFORMATION

	C4	R	0	0	12	30	12	52	DP				
Length in Feet	PLATFORM				PERFORMANCE				LIGHT CHARACTERISTICS				
	Se-ries	Plat-form	Profile	Type	Increment Length	Optic/Lens/Diffuser	Module Spacing	Watts/ft	LED Spacing	Color Temp	Attribute	Finish	
	C4	R	Rigid	0 Rect.	0 Symmetric	12 12" base increment	30 Low Profile Lightly Frosted	12 12" O.C.	52 5.2	DP Dense Pack	20 2000K (CRI 80+) 22 2200K (CRI 80+) 27 2700K (CRI 80+) 30 3000K (CRI 80+) 35 3500K (CRI 80+) 40 4000K (CRI 80+) 50 5000K (CRI 80+)	S Standard UniBin C High CRI (90+) 2700K, 3000K, 3500K only	NA Natural Anodized (Std.) SPL Special Color - Consult Factory

NOTES:

Unless otherwise specified, Tempo will determine the section lengths of shipped product to comprise the total length, up to a maximum section length of 8ft (EXAMPLE: 30ft of ordered product may ship as (6) 5ft sections or (3) 8ft and (1) 6ft section, etc.)

DIMENSIONAL INFORMATION



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SYSTEM INTEGRATION ACCESSORIES

POWER SUPPLIES - 24V Output		
Require approved enclosure (by others) in close proximity to luminaire. Consult factory for guidance.		
	PWR-120-EM-040-T	120V AC Input, 24V DC Output, 40W, Triac Dimming Lutron Hi-lume 1% 2-wire LED driver (120V forward phase) -LTEA2W
	PWR-UNV-EM-060	120-277V AC Input, 24V DC Output, 60W, Non-Dimming
	PWR-UNV-EM-060-Z	120-277V AC Input, 24V DC Output, 60W, 0-10V Dimming
	PWR-UNV-EM-100	120-277V AC Input, 24V DC Output, 100W, Non-Dimming

SURGE SUPPRESSION DEVICE		
A Tempo furnished surge suppression device must be installed on each supplying branch circuit to comply with Tempo's 5-year warranty terms		
	SSD-120	120V Branch Circuit
	SSD-277	277V Branch Circuit

POWER FEED CABLES Additional lengths available, contact factory		
	PFC3-F-24-36	Female Connector, 24V, 36 inches
	PFC3-M-24-36	Male Connector, 24V 36 inches

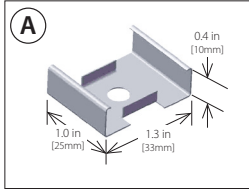
JUMPER FEED CABLES Additional lengths available, contact factory		
	JFC3-FF-24-18	Female/Female Connector, 24V, 18 inches
	JFC3-MF-24-18	Male/Female, 24V, 18 inches
	JFC3-MM-24-18	Male/Male, 24V, 18 inches

MOUNTING HARDWARE		
	C4A-MTGBRKT	Stainless Steel Surface Mounting Bracket (set of 12)
	C4A-MTGBRKT-SURF	Stainless Steel Surface Mounting Bracket with Screw Ears (set of 12)
	C4A-MTGBRKT-COVE	Stainless Steel Front Cove Mounting Bracket (set of 12)
	C4A-MTGBRKT-WALL	Plastic Wall Mounting Bracket (set of 12)
	C4A-MTGBRKT-1020	Plastic Surface Mounting Bracket with 10° or 20° angle (set of 12)
	PA-5	Plastic 90°+ Adjustable Mounting Bracket. Minimum of 2 required per section (set of 12)

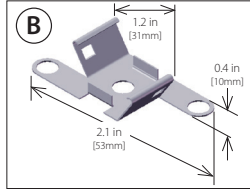
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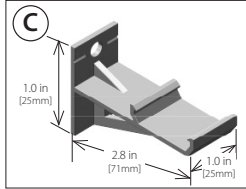
MOUNTING HARDWARE



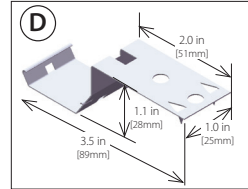
A
SURFACE MOUNT
(C4A-MTGBRKT)



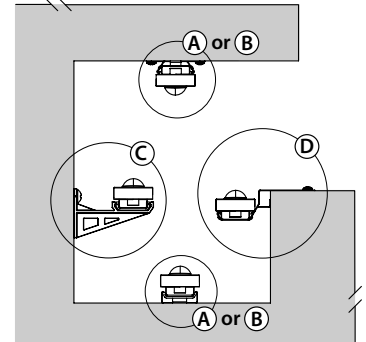
B
SURFACE MOUNT W/
SCREW MOUNTING EARS
(C4A-MTGBRKT-SURF)



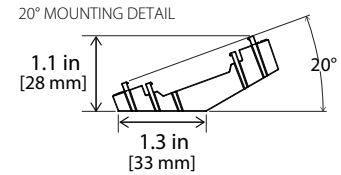
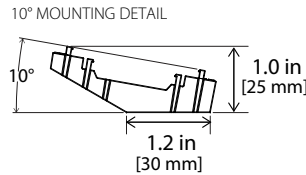
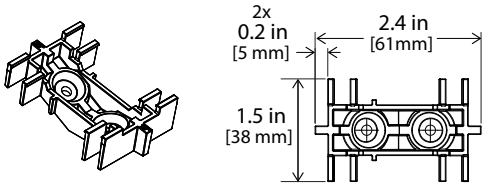
C
WALL MOUNT
(C4A-MTGBRKT-WALL)



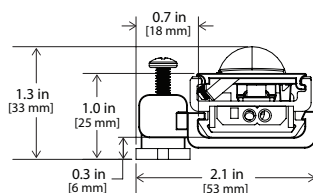
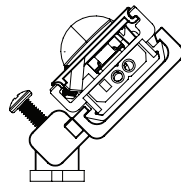
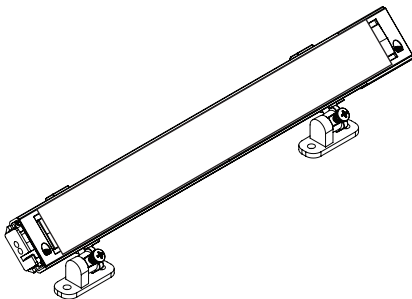
D
COVE MOUNT
(C4A-MTGBRKT-COVE)



SURFACE MOUNT BRACKET, 10° OR 20° ANGLE (C4A-MTGBRKT-1020)



ADJUSTABLE MOUNT BRACKET, 90°+ ANGLE (PA-5)



Tempo Industries reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program. Please consult www.tempollc.com for the most up-to-date specifications and technical data.